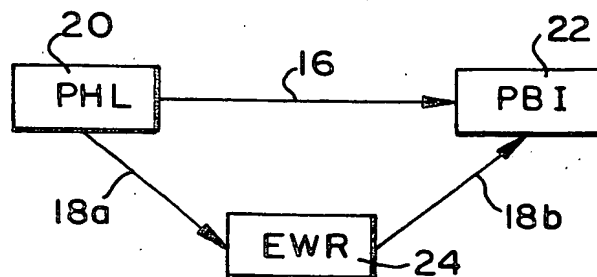


**FIG. 1**



**FIG. 2**

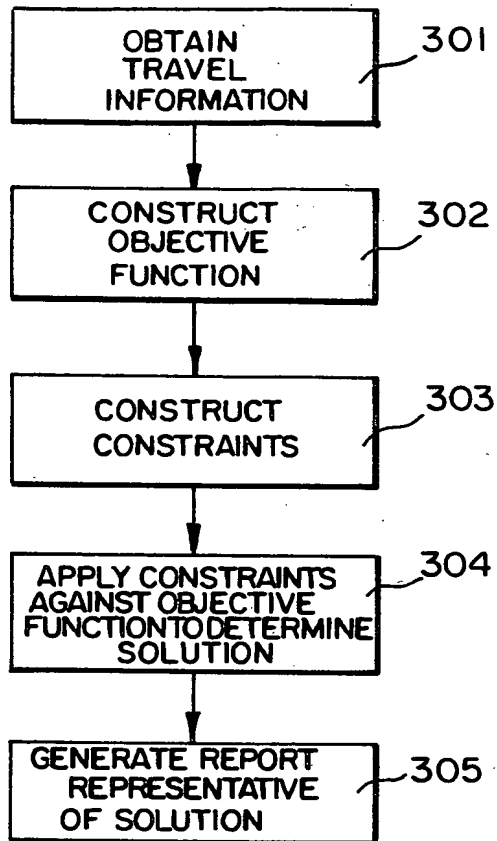


FIG. 3

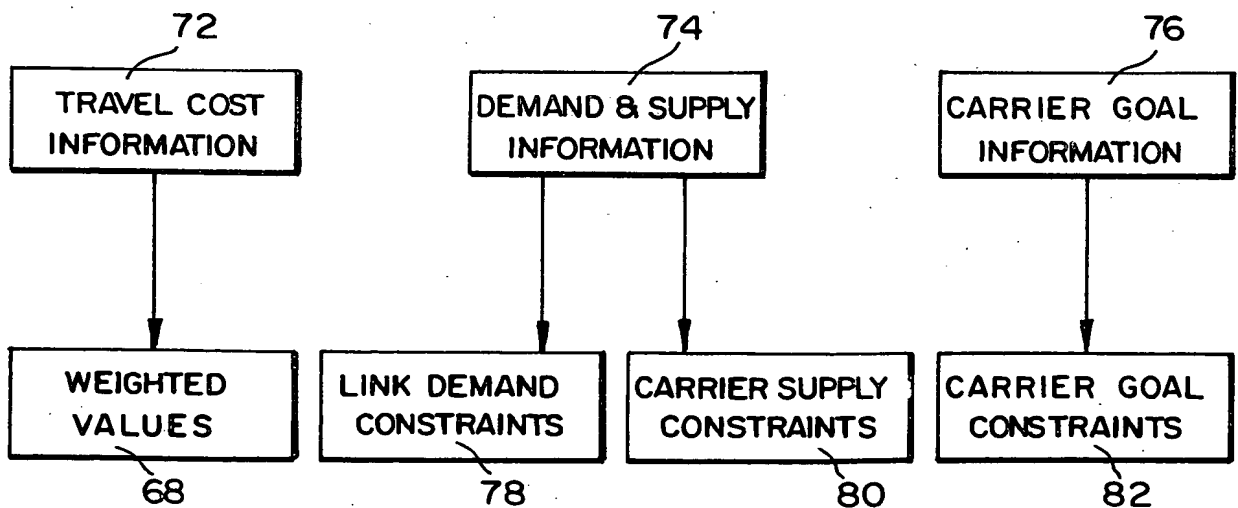


FIG. 4

PHL-SJU PHL-LHR PHL-BRU PHL-MEX PHL-EZE

on airline...	between city-pairs...				Airline Supply or Hurdle	
	PHL-SJU	PHL-LHR	PHL-BRU	PHL-MEX	PHL-EZE	
UA		x1 \$1,496.00 cap=5%	x2 \$1,760.00 cap=30%	x3 \$550.00 cap=5%	x4 \$3,008.00 cap=5%	Hurdle \$100,000 wcap=9%
BA		x5 \$1,558.00 cap=85%	x6 \$1,730.00 cap=55%			Hurdle \$150,000 wcap=28%
AA	x7 \$355.00 cap=75%	x8 \$1,474.00 cap=10%	x9 \$1,804.00 cap=10%	x10 \$567.00 cap=95%	x11 \$3,076.00 cap=95%	Supply 190 wcap=57%
US	x12 \$326.00 cap=25%	70 68				Supply 17 wcap=5%
SN			x13 \$1,938.00 cap=5%	70 68		Supply 3 wcap=1%
Passenger Demand (segments)	98	83	61	48	44	334

FIG. 5

on airline...	between city-pairs...	Actual Airline Supply or Hurdle, & Ranges						
		PHL-SJU	PHL-LHR	PHL-BRU	PHL-MEX	PHL-EZE	Lower limit	Upper limit
UA	upper limit:		x1 = 0	x2 = 0	x3 = 0	x4 = 44		
	net cost:	68	infinity	infinity	infinity	\$3,047.00		
	lower limit:		\$1,496.00	\$1,760.00	\$550.00	\$3,008.00		
	Mrkt Share:		\$1,445.00	\$1,605.00	\$538.00	- infinity	100%	
BA	upper limit:		x5 = 21	x6 = 58				
	net cost:	92	infinity	\$1,885.00		88		
	lower limit:		\$1,558.00	\$1,730.00	70			
	Mrkt Share:		\$1,445.00	- infinity	0%	100%		
AA	upper limit:	x7 = 80	x8 = 62	x9 = 0	x10 = 48	x11 = 0		
	net cost:	\$394.00	\$1,525.00	infinity	\$579.00	infinity		
	lower limit:	\$355.00	\$1,474.00	\$1,804.00	\$567.00	\$3,077.00		
	Mrkt Share:	\$343.00	- infinity	\$1,634.00	- infinity	\$3,038.00		
US	upper limit:	82%	75%	0%	100%	0%		
	net cost:	x12 = 18						
	lower limit:	\$339.00	92					
	Mrkt Share:	\$327.00	90					
SN	upper limit:	\$288.00						
	net cost:	18%						
	lower limit:							
	Mrkt Share:							
Upper limit: Satisfied Demand: lower limit:	upper limit:		x13 = 3					
	net cost:		infinity	infinity	88			
	lower limit:		\$1,938.00	\$1,605.00	68			
	Mrkt Share:		5%					
	upper limit:		70					
	net cost:							
	lower limit:							
	Mrkt Share:							
	upper limit:		163	80	128	infinity		
	net cost:	infinity	83	61	48	44		
	lower limit:	98	82	61	47	29		
	Mrkt Share:	97						